

**Process**

**Added material**

**Step 1**

**Delivery of  
deep-frozen horse tendons**

Storage of tendons at -18 °C to -25 °C

Controls: appearance, ash, degradability by collagenase



**Step 2**

**Peeling of horse tendons**

Storage of peeled tendons  
at -18 °C to -25 °C



**Step 3**

**Slicing of peeled horse tendons**

Disinfection of tendons  
with 70 % ethanol

Washing of tendons with water or salt solution

Deep-freezing

Slicing

70 % ethanol

water for injection or salt solution



**Step 4**

**Washing and disinfection of tendon slices**

Washing with water or salt solution

Disinfection with 70 % ethanol

Washing with 0.45 % lactic acid in salt solution

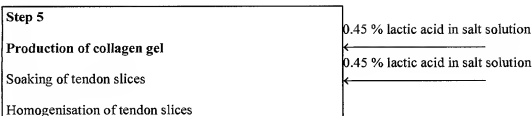
water for injection or salt solution

70 % ethanol

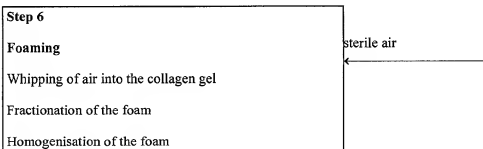
0.45 % lactic acid in salt solution



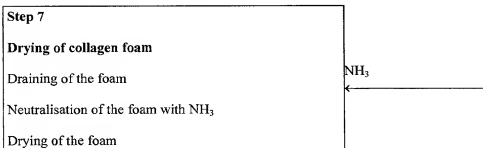
**FIG. 1**



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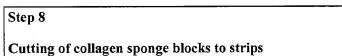


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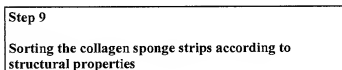
IPC: weight of dried collagen sponge blocks

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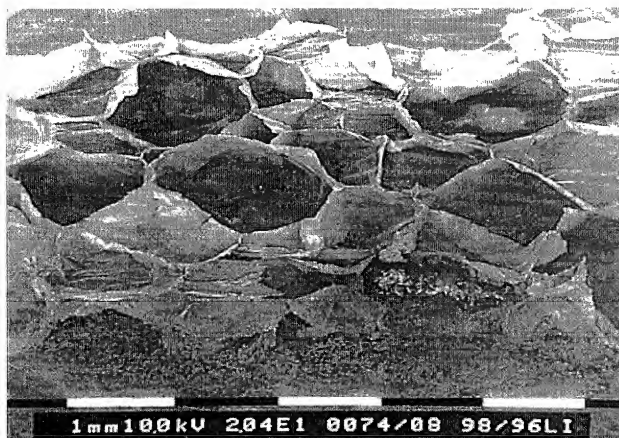


IPC: weight of collagen sponge strips

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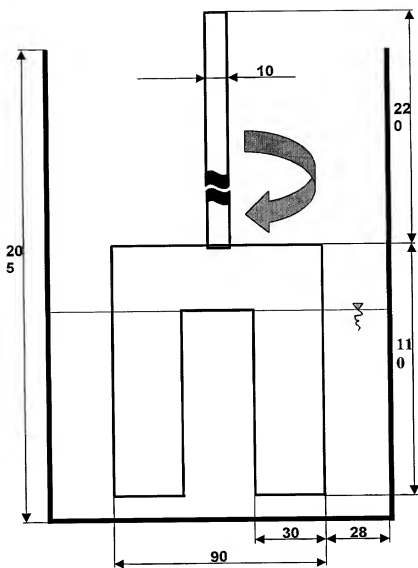


**FIG. 2**



**Fig. 3**

(courtesy Prof. Dr. Roman Carbon, Chirurgische Univ. Klinik Erlangen, Germany)



**Fig. 4**